

AMENDMENTS TO THE CLAIMS

1-19. (Cancelled)

20. (Previously Presented) A method for amplifying a DNA, comprising the steps of
(a) preparing a cDNA comprising at least two kinds of nucleotide analogs by a reverse transcription reaction using an RNA as a template in the presence of at least one nucleotide analog selected from the group consisting of 7-Deaza-dGTP and dITP, and at least one nucleotide analog selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP; and

(b) amplifying a desired DNA from the cDNA obtained in the above step (a), in the presence of two or more kinds of nucleotide analogs, wherein at least one nucleotide analog is selected from the group consisting of 7-Deaza-dGTP and dITP, and at least one nucleotide analog is selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP, wherein the nucleotide analogs are uniformly incorporated into the resulting DNA and do not cause termination of the amplification, thereby selectively amplifying DNA of a target sequence derived from RNA.

21. (Previously Presented) The method according to claim 20, wherein the amplification of the desired DNA is carried out by a polymerase chain reaction.

22. (Cancelled)

23. (Previously Presented) A method for amplifying a DNA, comprising the steps of:

(a) providing a template DNA comprising at least two kinds of nucleotide analogs, wherein at least one nucleotide analog is selected from the group consisting of 7-Deaza-dGTP and dITP, and at least one nucleotide analog is selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP; and

(b) amplifying a desired DNA from the template DNA of step (a) in the presence of the following substances (i) to (iii):

(i) at least one nucleotide analog selected from the group consisting of 7-Deaza-dGTP and dITP,

(ii) at least one nucleotide analog selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP, and

(iii) a compound for lowering the Tm value of a double-stranded nucleic acid, wherein the nucleotide analogs (i) and (ii) are uniformly incorporated into the resulting DNA.

24. (Previously Presented) The method according to claim 23, wherein the amplification of the desired DNA is carried out by a polymerase chain reaction.

25. (Cancelled)

26. (Previously Presented) The method according to claim 23, wherein said compound for lowering the Tm value of a double-stranded nucleic acid is selected from the group consisting of formamide, dimethyl sulfoxide and trimethyl glycine.

27. (Previously Presented) A method for amplifying a DNA comprising the steps of:

(a) preparing a cDNA by a reverse transcription reaction using RNA as a template in the presence of at least one nucleotide analog selected from the group consisting of 7-Deaza-dGTP and dITP, and at least one nucleotide analog selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP; and

(b) amplifying a desired DNA from the cDNA of the above step (a) in the presence of the following substances (i) to (iii):

(i) at least one nucleotide analog selected from the group consisting of 7-Deaza-dGTP and dITP,

(ii) at least one nucleotide analog selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP, and

(iii) a compound for lowering the Tm value of a double-stranded nucleic acid, wherein the nucleotide analogs (i) and (ii) are uniformly incorporated into the resulting DNA, thereby selectively amplifying DNA of a target sequence derived from RNA.

28. (Previously Presented) The method according to claim 27, wherein the amplification of the desired DNA is carried out by a polymerase chain reaction.

29. (Cancelled)

30. (Previously Presented) The method according to claim 27, wherein said compound for

lowering the Tm value of a double-stranded nucleic acid is selected from the group consisting of formamide, dimethyl sulfoxide and trimethyl glycine.

31-33. (Cancelled)

34-43. (Cancelled)

44. (Previously Presented) The method according to claim 20, wherein both of 7-Deaza-dGTP and 7-Deaza-dATP are used in step (a) and (b) as the nucleotide analogs.

45. (Previously Presented) The method according to claim 23, wherein both of 7-Deaza-dGTP and 7-Deaza-dATP are used in step (a) and (b) as the nucleotide analogs.

46. (Previously Presented) The method according to claim 27, wherein both of 7-Deaza-dGTP and 7-Deaza-dATP are used in step (a) and (b) as the nucleotide analogs.

48-49. (Cancelled)